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MAY 16 2006

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INSTRUCTIONS: This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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7590

11/04/2005

Klotzer Patents
#210
4579 Laclede Ave.
Saint Louis, MO 63108

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Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

DAN KLOTZER	(Depositor's name)
<i>[Signature]</i>	(Signature)
MAY 16, 2006	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10757,615	01/13/2004	Daniel S. Klotzer	16663/042001	4791

TITLE OF INVENTION: SYSTEM FOR RESPONDING TO A SUPERPOSITION OF QUANTUM STATES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	

EXAMINER	ART/UNIT	CLASS-SUBCLASS
LE, QUE TAN	2878	250-216000

02/06/06 AN RCE WAS FILED AND NEW NOTICE OF ALLOWANCE MAILED ON 2-16-06 BUT NO NEW FORM LIKE THIS WAS INCLUDED. IT IS BELIEVED THEN THAT THIS FEE IS DUE ON 05/16/06

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 **KLOTZER PATENTS**
- 2 **DANIEL S. KLOTZER**
- 3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *[Signature]*

Typed or printed name **DAN KLOTZER**

Date **MAY 16, 2006**

Registration No. **427458**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

6

Application Number

10/757,615

Filing Date

01/13/2004

First Named Inventor

Daniel Klotzer

Art Unit

2878

Examiner Name

QUE TAN LE

Attorney Docket Number

16663/042001

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

☐ Landscape Table on CD

After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):Communication regarding allowance, patent
publication, and related matters.

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Klotzer Patents

Signature

Printed name

Daniel Klotzer

Date

May 16, 2006

Reg. No.

42,745

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Daniel Klotzer

Date

May 16, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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P.O. Box 1450
Alexandria, VA 22313-1450

Docket No.: 16663/042001

On MAY 16, 2006

KLOTZER PATENTS

By: [Signature]

Daniel Klotzer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DANIEL S. KLOTZER

Application No.: 10/757,615

Filed: January 13, 2004

For: SYSTEM FOR RESPONDING TO
A SUPERPOSITION OF STATES

Examiner: Que Tan Le

Art Unit: 2878

FORM PTOL-85 & PAYMENT OF ISSUE
AND PUBLICATION FEES

COMMENT ON ADAPTATION OF PTOL-85
MAILED ON 11-06-06 FOR ALLOWANCE NOTICE
MAILED ON 02-16-06

COMMENTS ON STATEMENT FOR
REASONS OF ALLOWANCE

REQUEST FOR EXAMINER STATEMENT
ACKNOWLEDGING CONSIDERATION OF IDS
PRIOR TO ALLOWANCE

REQUEST FOR CHANGE IN VISUAL
FORMATTING (FROM PUBLICATION
DEPICTION) FOR PATENT ISSUANCE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The present submission is respectfully sent in response to the NOTICE OF ALLOWABILITY for application no. 10/757,615 mailed on Feb. 16, 2006, and further in response to additional aspects of the prosecution of the above referenced application.

Re: FORM PTOL-85 & PAYMENT OF ISSUE AND PUBLICATION FEES

An adapted copy of the form PTOL-85 mailed with the Nov. 6, 2005 NOTICE OF ALLOWABILITY is enclosed along with a check for the applicable issue and publication fees.

Re: COMMENT ON ADAPTATION OF PTOL-85 MAILED ON 11-06-06 FOR
ALLOWANCE NOTICE MAILED ON 02-16-06

An updated form PTOL-85 for payment of the issue fee is not included in the PAIR documents that are available, and hence applicant is utilizing an edited version of the form PTOL-85 that was mailed on Nov. 6, 2005 in connection with the previous NOTICE OF ALLOWABILITY (which was rendered moot after filing of an RCE and IDS). Said editing indicating that the new fees due date is May 16, 2006 (which is three months after the mailing of the later NOTICE OF ALLOWABILITY).

Re: COMMENTS ON STATEMENT FOR REASONS OF ALLOWANCE

In the Nov. 6, 2005 NOTICE OF ALLOWABILITY, the Examiner stated his reasons for allowance, the general spirit of which the applicant agrees with, although the applicant considers that the Examiner's reasons for allowance (which are sufficient for patentability but do not encompass all of the present invention's applicable reasons for allowance) would be more accurately paraphrased as:

The prior art fails to teach a method or apparatus capable of responding to an entity's potential quantum superposition of states, among other features, comprising: a conditioner capable of putting the entity's quantum superpositions of states in condition to be capable of self-interference; an interference actuator that is capable of manifesting said self-interference; and an interference responder that is capable of being responsive to manifestations of the entity's self-interference.

Applicant considers said paraphrasing of the Examiner's reasons for allowance to be significant in order to avoid any potential misunderstanding of the content of the present application.

Re: REQUEST FOR EXAMINER STATEMENT ACKNOWLEDGING
CONSIDERATION OF IDS PRIOR TO ALLOWANCE

An RCE was submitted following the Nov. 6, 2005 NOTICE OF ALLOWABILITY in order for the co-submitted IDS to be duly considered prior to allowance of the presnet

application. It is respectfully requested that the Examiner please enter into the record that said IDS was duly considered prior to the Feb. 16, 2006 NOTICE OF ALLOWABILITY.

Re :REQUEST FOR CHANGE IN VISUAL FORMATTING (FROM PUBLICATION DEPICTION) FOR PATENT ISSUANCE

The published version of the present application (US App 20040206888) visually depicts certain mathematical equations with errors or in formatting that is not optimal, in the applicant's opinion. The difficulty is due to the depiction of these equations being spacially arranged so as to make their content potentially not readily understood. The specific examples, along with the applicant's proposed revisions, are:

- In paragraph [0107], an equation, $105_1^{en} = 1/\sqrt{2} [|c_e(+)> |D_e(-)> + |c_e(-)> |D_e(+)>]$ should instead read: $\Psi_1^{en} = (1 / \sqrt{2}) [|c_e (+)> |D_e (-)> + |c_e (-)> |D_e (+)>]$; Because the left side of the equation is incorrect in the published application, and the typography in the published application is arranged in a mathematically misleading manner.
- In paragraph [0099], an equation appears as:

$$\Psi_i = \frac{1}{\sqrt{2}} [|A(+)B(-)C(-)>_1 |A(-)B(+)C(+)>_2 + |A(-)B(+)C(+)>_1 |A(+)B(-)C(-)>_2] \quad , \text{ but should}$$

instead appear as:

$$\Psi_i = \frac{1}{\sqrt{2}} [|A(+)B(-)C(-)\rangle_1 |A(-)B(+)C(+)\rangle_2 + |A(-)B(+)C(+)\rangle_1 |A(+)B(-)C(-)\rangle_2]$$

Because the typography in the published application is arranged in a mathematically confusing manner. If the available space does not allow the equation to be printed on a single line, then the equation should be broken at the addition sign so that it would then appear as:

$$\Psi_i = \frac{1}{\sqrt{2}} [|A(+)B(-)C(-)\rangle_1 |A(-)B(+)C(+)\rangle_2 + |A(-)B(+)C(+)\rangle_1 |A(+)B(-)C(-)\rangle_2]$$

- In paragraph [0100] an equation appears as:

$$\Psi_j = 1/\sqrt{2} [|B(-)C(-)\rangle_1 |B(+)C(+)\rangle_2 + |B(+)C(+)\rangle_1 |B(-)C(-)\rangle_2] |A(\pm)\rangle_1 , \text{ but it should instead}$$

read:

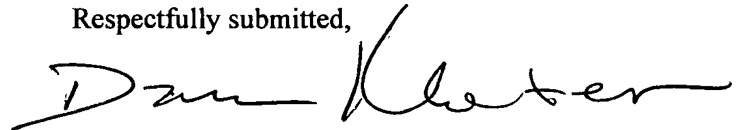
$$\Psi_j = 1/\sqrt{2} [|B(-)C(-)\rangle_1 |B(+)C(+)\rangle_2 + |B(+)C(+)\rangle_1 |B(-)C(-)\rangle_2] |A(\pm)\rangle_1 ;$$

If the typography does not allow the equation to be printed on a single line, then the equation should be broken at the addition sign so that it would then appear as:

$$\Psi_j = 1/\sqrt{2} [|B(-)C(-)\rangle_1 |B(+)C(+)\rangle_2 + |B(+)C(+)\rangle_1 |B(-)C(-)\rangle_2] |A(\pm)\rangle_1$$

Applicant thanks the Examiner and the appropriate divisions of the USPTO for their efforts in fulfilling the above requests. It is believed that all remaining issues have been addressed, and applicant respectfully requests that the present application be processed for issuance.

Respectfully submitted,



Daniel Klotzer
Reg. No. 42,745

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